

**IN THE CLAIMS**

Please enter the amended claims given below.

Claims 1-42 canceled.

1    79. (new) The method of claim 78, wherein selecting the at least one flowable device  
2        comprises selecting the at least one flowable device from a group consisting of:  
3            (i) a device having a sensor for providing a measure of a parameter of interest; (ii)  
4            a device having a memory for storing data therein; (iii) a device carrying energy  
5            that is transmittable to another device; (iv) a solid mass carrying a chemical that  
6            alters a state when said solid mass encounters a particular property in the  
7            wellbore; (v) a device carrying a biological mass; (vi) a data recording device;  
8            (vii) a device that is adapted to take a mechanical action, and (viii) a self-charging  
9            device due to interaction with the working fluid in the wellbore.

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1    80. (new) The method of claim 78, said function comprises making a measurement of  
2        a parameter of interest and wherein said selecting the at least one flowable device  
3        comprises selecting a device that provides a measurement selected from a group  
4        consisting of: (i) pressure; (ii) temperature; (iii) flow rate; (iv) vibration; (v)  
5        presence of a particular chemical in the wellbore; (vi) viscosity; (vii) water  
6        saturation; (viii) composition of a material; (ix) corrosion; (x) velocity; (xi) a  
7        physical dimension; and (xi) deposition of a particular matter in a fluid.

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1    81. (new) The method of claim 78, wherein selecting the at least one flowable device  
2        comprises selecting a flowable device that is adapted to carry data that is one of  
3            (i) prerecorded on the at least one flowable device; (ii) recorded on the at least  
4            one flowable device downhole; (iii) self recorded by the at least one flowable

5 device; (iv) inferred by a change of a state associated with the at least one  
6 flowable device.

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1 82. (new) The method of claim 78, wherein selecting the at least one flowable device  
2 comprises selecting a device that is one of: (i) resistant to wellbore temperatures;  
3 (ii) resistant to chemicals; (iii) resistant to pressures in wellbores; (iv) vibration  
4 resistant; (v) impact resistant; (vi) resistant to electromagnetic radiation; (vii)  
5 resistant to electrical noise; and (viii) resistant to nuclear fields.

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1 83. (new) The method of claim 78 further comprising recovering said at least one  
2 flowable device.

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1 84. (new) The method of claim 78, wherein the at least one flowable device further  
2 comprises a plurality of flowable devices, each such flowable device adapted to  
3 perform at least one task.

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1 85. (new) The method of claim 84, further comprising providing the plurality of  
2 flowable devices in a manner that is one of: (i) timed release, (ii) time  
3 independent release, (iii) on demand release, and (iv) event initiated release.

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1 86. (new) The method of claim 84 further comprising providing the plurality of  
2 flowable devices at time intervals such that some of said plurality of flowable

3 devices remain in the wellbore at any given time, thereby forming a network of  
4 devices in the wellbore.

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1 87. (new) The method of claim 86 wherein at least one of the plurality of devices  
2 remaining in the wellbore communicates with at least one other of the plurality of  
3 devices remaining in the wellbore.

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1 88. (new) The method of claim 78 further comprising implanting a plurality of spaced  
2 apart flowable devices in said wellbore during drilling of said wellbore.

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